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NOTICE OF ALLOWANCE AND FEE(S) DUE

31970

7590

11/30/2005

UNITED STATES DEPARTMENT OF ENERGY 1000 INDEPENDENCE AVENUE, S.W. ATTN: GC-62 (CHI), MS 6F-067 WASHINGTON, DC 20585-0162

EXAMINER

BASTIANELLI, JOHN

ART UNIT PAPER NUMBER

3751

DATE MAILED: 11/30/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,477	11/07/2003	Randall Gemmen	S-100,791	7939

TITLE OF INVENTION: PIEZOELECTRIC AXIAL FLOW MICROVALVE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO ·	\$1400	\$300	\$1700	02/28/2006	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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UNITED STATES DEPARTMENT OF ENERGY 1000 INDEPENDENCE AVENUE, S.W. ATTN: GC-62 (CHI), MS 6F-067 WASHINGTON, DC 20585-0162 APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/706,477					Fee(s) Transmittal. T	his certificate cannot be used nal paper, such as an assignme	for any other accompanying ent or formal drawing, must	
1 hereby certify that this Fe(s) Transmitted is being deposited with the United States Potals Service with sufficient postage for first class mail in an envel addressed to the Mail Stop 18SUE FEE address above, or being facisit ransmitted to the USPTO (571) 273-2885, on the date indicated below. City Composition	•				have its own certifica	ate of mailing or transmission.	5,	
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APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/706,477 11/07/2003 Randall Gemmen S-100,791 7939 TITLE OF INVENTION: PIEZOELECTRIC AXIAL FLOW MICROVALVE APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 02/28/2006 EXAMINER ART UNIT CLASS-SUBCLASS BASTIANELLI, JOHN 3751 251-129060 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.569). Change of correspondence address or or indication form PTO/SB/122) attached. Use of a Customer PTO/SB/122 of the name of a single firm (having as a member a registered attorney or agens) and the names of up to 3 registered patent attorneys or agens					transmitted to the US	BPTO (571) 273-2885, on the c	late indicated below.	
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☐ Issue Fee ☐ A check in the amount of the fee(s) is enclosed.	Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the patent)	Individual 🗆	Corporation or other private gr	oup entity 🔲 Governmen	
	_ ` ` ` `	enclosed:	41	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	,			
☐ Publication Fee (No small entity discount permitted) ☐ Payment by credit card. Form PTO-2038 is attached.				_	• • • • • • • • • • • • • • • • • • • •	•		
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Advance Order - # of Copies				Deposit Account Number(enclose an extra copy of this form).				
5. Change in Entity Status (from status indicated above)		•	,					
☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).		· ·						
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other part interest as shown by the records of the United States Patent and Trademark Office.	The Director of the USPTO i NOTE: The Issue Fee and Pu interest as shown by the reco	s requested to apply the Issublication Fee (if required) vrds of the United States Pat	ue Fee and Publica will not be accepted ent and Trademark	tion Fee (if any) or t d from anyone other Office.	o re-apply any previou than the applicant; a re	sly paid issue fee to the applications and attorney or agent; or the state of the s	ation identified above. he assignee or other party i	
Authorized Signature Date	Authorized Signature				Date		· · · ·	
Typed or printed name Registration No	Typed or printed name				Registratio	on No.		
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc	This collection of information	n is required by 37 CFR 1 3	11. The information	on is required to obta	in or retain a benefit by	the public which is to file (an	d by the USPTO to process	
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, 18 Dox 1450. Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	Alexandra, virginia 22313-1	1430.						



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,477	1	1/07/2003	Randall Gemmen	S-100,791	7939
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UNITED STATES DEPARTMENT OF ENERGY			BASTIANELLI, JOHN		
1000 INDEPENDENCE AVENUE, S.W. ATTN: GC-62 (CHI), MS 6F-067				ART UNIT	PAPER NUMBER
WASHINGTON, DC 20585-0162				3751	
				DATE MAILED: 11/30/200	5

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 83 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 83 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.